

COST PROPOSAL
for a
HIGH SPEED PRECISION COORDINATOGRAPH

From
STATOTHR



24 January 1963

DECLASSIFICATION REVIEW BY NIMA / DoD

Price STATOTHR

[] proposes to supply a High Speed Precision Coordinatograph as described in our technical proposal of 27 November 1962, amended 24 January 1963, on a cost-plus-fixed-fee basis. The estimated cost of [] is detailed below; the proposed fixed fee []

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Labor

Engineering Staff

Drafting

Production

STAT

Material

Other Direct Costs

Burden (at estimated rate of [])

Total Direct Costs and Burden

G&A (at estimated rate of []
total direct costs and burden

Total Estimated Cost

Fixed Fee

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Our recent discussions with technical representatives of the Government have indicated that a considerable degree of flexibility is desirable in this program. The particular technical areas where this flexibility is most obviously required are in the design of the servomechanisms, in the design of the computer-plotter data link, and in the selection of plotter accessories.

The servomechanism design is most critical to the project in two senses: servo performance will primarily determine the exact combination of accuracy and speed that will be obtained, and as it is the major area of new design it will have the most important effect on total cost. Therefore, this is an area in which the Government should exercise in the closest liaison and have primary control in developing specifications which will result in the optimum cost-performance trade off.

In the design of the computer-plotter data link further study is essential in defining the optimum coding of the control data to minimize programming costs, computer time and plotter hardware. Such study can be carried out much more effectively in the early contract stages than during the pre-contract negotiations.

While the present list of plotter accessories (two pens, automatic paper drive, etc.) appears adequate, it is not unlikely that further consideration of the Government's needs will uncover other requirements. Meeting such additional requirements is much easier under a cost-type contract.

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Prices are and will be held valid until 1 April 1963.

Delivery

Delivery can be made within 10 months from receipt of order.

Approved:

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